

Brough Primary School – Curriculum Intention Plan 2021 - 2022



Subject: Computing Year Group: Year 6		Area of learning: Internet Communication (NCCE Y6)
Links to previous work/Remember when	<ul style="list-style-type: none"> Y3/Y4 - Basic use of a search engine 	
Term	Year	Key Skills to be taught
Autumn 1 2021 What the children should know at the end of this series of lessons	Y6	During this unit, learners will learn about the World Wide Web as a communication tool. First, they will learn how we find information on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines. They will then investigate different methods of communication, before focusing on internet-based communication. Finally, they will evaluate which methods of internet communication to use for particular purposes.

Vocabulary

Internet, World Wide Web (WWW), address bar, search, search engine, search box, Google, browser, key words, word order, results, refine, ranked/ranking, index, search engine optimisation (SEO), links, web crawlers, digital content, communication, report, content creator.

Sequence of learning	Objectives and suggested details provided by the subject leader.
1	<p>KS2 Computing: Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p>This lesson recaps how to use a search engine safely and effectively. <i>To identify how to use a search engine</i></p> <ul style="list-style-type: none"> I can complete a web search to find specific information I can refine my search I can compare results from different search engines
2	<p>KS2 Computing: Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p>This lesson will enable the learners to describe how search engines select results. <i>To describe how search engines select results</i></p> <ul style="list-style-type: none"> I can explain why we need tools to find things online

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	<ul style="list-style-type: none"> • I can recognise the role of web crawlers • in creating an index • I can relate a search term to the search engine's index.
3	<p>KS2 Computing: Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.</p> <p>This lesson will enable the children to learn about some of the main factors that influence how a search engine ranks a web page. To be able to explain how search results are ranked.</p> <ul style="list-style-type: none"> • I can explain that search results are ordered • I can explain that a search engine follows rules to rank relevant pages • I can suggest some of the criteria that a search engine checks to decide on the order of results
4	<p>KS2 Computing: Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>This lesson will explore how the person performing a web search can influence the results that are returned, and how content creators can optimise their sites for searching.</p> <p>To recognise why the order of results is important, and to whom.</p> <ul style="list-style-type: none"> • I can describe some of the ways that search results can be influenced • I can recognise some of the limitations of search engines • I can explain how search engines make money
5	<p>KS2 Computing: Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration. Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</p> <p>In this lesson, learners will deepen their understanding of the term 'communication'. They will explore different methods of communication, then they will consider internet-based communication in more detail.</p> <p>To recognise how we communicate using technology.</p> <ul style="list-style-type: none"> • I can explain the different ways in which people communicate • I can identify that there are a variety of ways of communicating over the internet • I can choose methods of communication to suit particular purposes
6	<p>KS2 Computing: Understand computer networks, including the internet; how they can provide multiple services, such as the World Wide Web, and the opportunities they offer for communication and collaboration.</p>

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	<p><i>Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.</i></p> <p>In this lesson, learners will use information provided and their own prior knowledge to categorise different forms of internet communication. They will also explore issues around privacy and information security.</p> <p><i>To evaluate different methods of online communication.</i></p> <ul style="list-style-type: none"> ● I can compare different methods of communicating on the internet ● I can decide when I should and should not share ● I can explain that communication on the internet may not be private
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Learning Outcome/product	<p>To be able to use the World Wide Web as a communication tool and be able to evaluate which methods of internet communication to use for particular purposes. To be able to communicate online safely.</p>
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Assessment records	List only those children who have not achieved the expected outcomes
	Children working above.

End of unit assessment question	<p>Can you give examples of how you can use the World Wide Web to communicate? Can you explain why you must be cautious about sharing online?</p>
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